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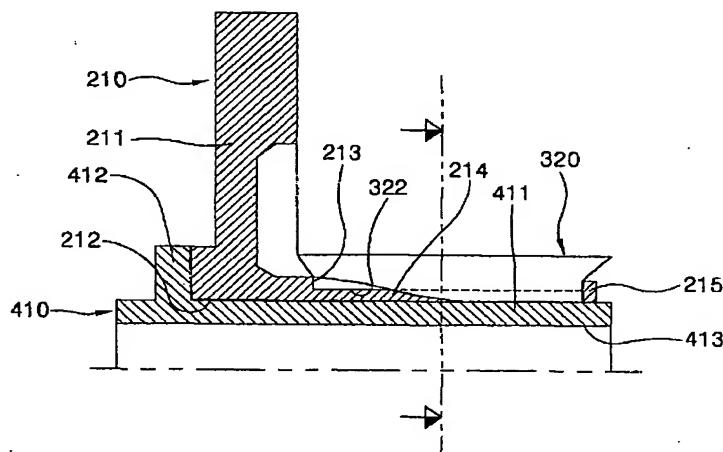
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(54) Title: APPARATUS FOR FIXING STATOR OF MOTOR OF RECIPROCAL COMPRESSOR, AND METHOD THEREFOR



(57) Abstract: The present invention discloses an apparatus for fixing an inner stator (320) of a motor of a reciprocal compressor and a method therefor. The apparatus for fixing the inner stator (320) of the motor of the reciprocal compressor includes a front frame, a cylinder inserted into and coupled to the front frame, an outer stator supported by the front frame (210) in a contact state, an inner stator (320) formed in a cylindrical shape and inserted onto the outside circumferential surface of the cylinder (410) with a predetermined interval from an inside diameter of the outer stator (310), a mover (330) inserted between the outer stator (310) and the inner stator (320), and coupled to a piston (420) inserted into the cylinder (410), and a stator fixing means incorporated with the front frame (210) to pass through the cylinder (410) or the inner stator (320) in the longitudinal direction, for supporting and fixing both sides (213, 215) of the inner stator. Here, the apparatus is fabricated by using casting. Therefore, the apparatus firmly fixes the inner stator (320) to other components, and simplifies the components and the whole process.

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